

What is claimed is:

1. An order proposal method by which a vendor proposes the order quantity of a commodity to a buyer through a computer network, said method comprising:

storing commodity ID, an acceptable increase value and an acceptable decrease value having correlation with each other for each commodity into storage of a computer connected to said computer network, said acceptable increase value indicating the value that can be increased from a proposal order quantity for a commodity and said acceptable decrease value indicating the value that can be decreased from said proposal order quantity;

reading the acceptable increase value and the acceptable decrease value corresponding to the designated commodity ID from said storage when the commodity ID, the proposal order quantity for the commodity and buyer ID are input to said computer;

determining acceptable order range whose maximum value is the sum of said proposal order quantity and said acceptable increase value, and whose minimum value is found by subtracting said acceptable decrease value from said proposal order quantity; and

transmitting said proposal order quantity and said acceptable order range to the buyer specified by said buyer ID through said computer network.

2. An order proposal program used in a terminal computer that can communicate with another computer through a computer network and has storage storing commodity ID, an acceptable increase value and an acceptable decrease value having correlation with each other for each commodity, said acceptable increase value indicating the value that can be increased from a proposal order quantity for a commodity and said acceptable decrease value indicating the value that can be decreased from said proposal order quantity, said program causing said terminal computer to execute the procedures of:

reading the acceptable increase value and the acceptable decrease value corresponding to the designated commodity ID from said storage when the commodity ID, the proposal order quantity for the commodity and buyer ID are input to said computer;

determining acceptable order range whose maximum value is the sum of said proposal order quantity and said acceptable increase value, and whose minimum value is found by subtracting said acceptable decrease value from said proposal order quantity; and

transmitting said proposal order quantity and said acceptable order range to the buyer specified by said buyer ID through said computer network.

3. A computer-readable recording medium storing an order proposal program used in a terminal computer that can communicate with another computer through a computer network and has storage storing commodity ID, an acceptable increase value and an acceptable decrease value having correlation with each other for each commodity, said acceptable increase value indicating the value that can be increased from a proposal order quantity for a commodity and said acceptable decrease value indicating the value that can be decreased from said proposal order quantity, said program causing said terminal computer to execute the procedures of:

reading the acceptable increase value and the acceptable decrease value corresponding to the designated commodity ID from said storage when the commodity ID, the proposal order quantity for the commodity and buyer ID are input to said computer;

determining acceptable order range whose minimum value is the sum of said proposal order quantity and said acceptable increase value, and whose maximum value is found by subtracting said acceptable decrease value from said proposal order quantity; and

transmitting said proposal order quantity and said acceptable order range to the buyer specified by said buyer ID through said computer network.

4. The order proposal program according to claim 2, wherein said storage further stores capacity of a container box for a commodity having correlation with said commodity ID, said program further causing said terminal computer to execute the procedures of:

reading the capacity corresponding to the input commodity ID from said storage;

calculating the ratio of reminder when said maximum value is divided by said capacity with respect to said capacity; and

changing said acceptable order range to be transmitted to said buyer by subtracting said reminder from said maximum value when said ratio is smaller than a predetermined value.

5. The order proposal program according to claim 2 or 4, wherein said storage further stores vendor's inventory quantity of a commodity having correlation with the commodity ID, said program further causing said terminal computer to execute the procedures of:

reading the vendor's inventory quantity of the commodity corresponding to the input commodity ID from said storage; and

giving a warning when said maximum value of said acceptable order range exceeds said vendor's inventory quantity.

6. The order proposal program according to claim 2 or 4, further causing said terminal computer to execute the procedures

of:

correcting said maximum and minimum values of said acceptable order range when a correction value for said maximum or minimum value is input.